

ABSTRACT

An electrical connector, comprising a housing body having a tubular plugging face for plugging in a mating connector, the tubular plugging face (12) having a sectional shape of substantially square (14) with respect to a sectional plane perpendicular to a direction of plugging into the mating connector, the tubular plugging face including a square tubular portion (13) and a cylindrical portion (14), wherein the square tubular and cylindrical portions have sectional shape of a square and a circle, respectively, with respect to the sectional plane, which are overlapped with each other, and at least one key (32A) or at least one key groove (14A) for preventing a plugging error, the key or key groove provided in the cylindrical portion.